

ANNUAL SHELLFISH MANAGEMENT REVIEW
for the period
January 1st to December 31st, 2005

Municipality: Kittery

Date: 02/28/06

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

Statement of Management Goals and Implementation Actions

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) ☒ provide a harvesting opportunity for the maximum number of participants
☐ maximize individual harvest by minimizing the number of participants
- 2) ☒ increase the clam resource through various enhancement activities
☐ maintain a sustainable yield through the vigorous use of production controls
- 3) ☒ provide for recreational harvesting in preference to commercial harvesting
☐ provide for commercial harvesting in preference to recreational harvesting
- 4) ☐ maximize the economic value of the resource by adjusting production
☐ maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- ☐ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☒ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

The following management activities were undertaken: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or seeding with hatchery stock
- ☐ flat surveys to determine size distribution and density
- ☒ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other:

Shellfish Committee/Staff**Municipality:** Kittery

| Title | Name | Mailing Address | Telephone |
|----------------------------|------------------------|---|------------------|
| Chair | <u>Daniel Clapp</u> | <u>1 MacDougal St., Kittery, 03904</u> | <u>439-0528</u> |
| Vice Chair | <u></u> | <u></u> | <u></u> |
| Secretary | <u></u> | <u></u> | <u></u> |
| Member(s) | <u>Onil Roy</u> | <u>2 Oxpoint.Dr., Kittery, 03904</u> | <u>439-9488</u> |
| | <u>Daniel O'Reilly</u> | <u>114 Norton, Kittery, 03904</u> | <u>439-0236</u> |
| | <u>Jack McCardle</u> | <u>14 Pepperrel Rd., Kittery, 03904</u> | <u>439-2314</u> |
| | <u>Joyce Tracksler</u> | <u>97 Goodwin Rd., Kittery, 03904</u> | <u>439-7405</u> |
| Selectmen/ Council Rep. | <u></u> | <u>, ,</u> | <u></u> |
| Wardens | <u>John McCollett</u> | <u>29 Wilson Rd., Kittery, 03904</u> | <u>439-9714</u> |
| | <u></u> | <u></u> | <u></u> |
| WQSpec(s) | <u></u> | <u></u> | <u></u> |
| | <u></u> | <u></u> | <u></u> |

Committee Meetings

The Shellfish Committee holds regularly scheduled meetings: ☒ yes ☐ no

The following number of meetings was held during the past year: 10

Minutes of meetings are recorded, filed and are available upon request: ☐ yes ☒ no

Conservation Credit

The opportunity to obtain conservation credit is provided: ☐ yes ☒ no

The total number of conservation hours needed to obtain credit is__.

Conservation credit is required to obtain a: ☐ renewal license

☐ new license

Conservation hours are given for:

- | | | |
|---|--|---|
| <input type="checkbox"/> meeting attendance | <input type="checkbox"/> coastal cleanup | <input type="checkbox"/> brushing |
| <input type="checkbox"/> committee service | <input type="checkbox"/> surveys | <input type="checkbox"/> predator control |
| <input type="checkbox"/> educational activities | <input type="checkbox"/> reseeding | <input type="checkbox"/> |

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is 12.

Summary of Warden Activities**Municipality:** Kittery

| | |
|--------------------|------------|
| Hours Patrolled: | <u>206</u> |
| Diggers Checked: | <u>0</u> |
| Warnings Given: | <u>0</u> |
| Summon Issued: | <u>0</u> |
| Court Appearances: | <u>0</u> |
| Convictions: | <u>0</u> |

Enforcement of the shellfish management ordinance has been: ☒ satisfactory
☐ unsatisfactory

Enforcement could be improved by: ☐ more hours patrolled ☐ better training
☐ more wardens ☐ greater state support
☐ better equipment ☐ other:

The warden is provided with a written job description: ☒ yes ☐ no

Production Data Collected by the Warden

| Month | Avg. Daily Catch/Digger | | Avg. # of Diggers/Day | | Total # of Days Dug | = | Total Lbs [] or Bu [] |
|-----------|-------------------------|---|-----------------------|---|---------------------|---|-------------------------|
| January | <u>nr</u> | X | <u>nr</u> | X | <u>nr</u> | = | <u>nr</u> |
| February | <u>nr</u> | | <u>nr</u> | | <u>nr</u> | | <u>nr</u> |
| March | <u>nr</u> | | <u>nr</u> | | <u>nr</u> | | <u>nr</u> |
| April | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| May | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| June | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| July | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| August | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| September | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| October | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| November | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| December | <u>0</u> | | <u>0</u> | | <u>0a</u> | | <u>0</u> |
| | | | | | TOTAL | | <u>0</u> |

(nr=not reported)

Warden(s)**Training Date****Nomination Date**John V. McCollett04/30/0104/15/04

Shellfish Conservation Budget
Municipality: Kittery

| License Receipts | Allocation | Sold | Received |
|--|-------------------|-------------|-----------------|
| <i>Commercial</i> | | | |
| Resident | 0 | 0 | \$0 |
| Nonresident | 0 | 0 | \$0 |
| Senior Resident | 0 | 0 | \$0 |
| Senior Nonresident | 0 | 0 | \$0 |
| Junior/Student Resident | 0 | 0 | \$0 |
| Junior/Student Nonresident | 0 | 0 | \$0 |
| Other: | 0 | 0 | \$0 |
| <i>Recreational</i> | | | |
| Resident | 150 | 56 | \$840 |
| Nonresident | 30 | 30 | \$900 |
| Daily/Weekly/Monthly Res. | 0 | 0 | \$0 |
| Daily/Weekly/Monthly Nonres. | 0 | 0 | \$0 |
| Senior Resident | 10 | 9 | \$0 |
| Senior Nonresident | 1 | 1 | \$0 |
| Junior/Student Resident | 0 | 0 | \$0 |
| Junior/Student Nonresident | 0 | 0 | \$0 |
| Other: | 0 | 0 | \$0 |
| SUBTOTAL (1) | | | \$1,740 |
| Receipts Independent of License Fees | | | |
| Shellfish Conservation Account Carried Forward | | | \$0 |
| Funds Raised for Warden | | | \$1,800 |
| Funds Raised for Management Activities | | | \$700 |
| Fines | | | \$0 |
| Other | | | \$0 |
| SUBTOTAL (2) | | | \$2,500 |
| TOTAL Receipts (1+2) | | | \$4,240 |
| Disbursements | | | |
| Warden Salary | | | \$1,800 |
| Mileage | | | \$93 |
| Clothing | | | \$0 |
| Equipment | | | \$0 |
| Training | | | \$50 |
| SUBTOTAL (3) | | | \$1,943 |
| Advertising | | | \$0 |
| Supplies | | | \$0 |
| Surveys | | | \$0 |
| Seeding | | | \$0 |
| Miscellaneous | | | \$0 |
| SUBTOTAL (4) | | | \$0 |
| TOTAL Disbursements (3+4) | | | \$1,943 |

Management Activities by Flat

Municipality: Kittery

The following is a list of clam harvest areas in which management activities were conducted during the past year and the dates when they occurred. [] No activities were conducted.

[illegible]

Proposed Management Controls**Municipality:** Kittery

The following management controls will be utilized for the coming year: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☒ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

Proposed Shellfish Licenses

| <u>License</u> | <u>Number</u> | <u>Cost @</u> |
|------------------------------|---------------|---------------|
| <i>Commercial</i> | | |
| Resident | <u>0</u> | <u>\$0</u> |
| Nonresident | <u>0</u> | <u>\$0</u> |
| Senior Resident | <u>0</u> | <u>\$0</u> |
| Senior Nonresident | <u>0</u> | <u>\$0</u> |
| Junior/Student Resident | <u>0</u> | <u>\$0</u> |
| Junior/Student Nonresident | <u>0</u> | <u>\$0</u> |
| Other | <u>0</u> | <u>\$0</u> |
| <i>Recreational</i> | | |
| Resident | <u>100</u> | <u>\$15</u> |
| Nonresident | <u>10</u> | <u>\$30</u> |
| Daily/Weekly Monthly Res. | <u>0</u> | <u>\$0</u> |
| Daily/Weekly Monthly Nonres. | <u>0</u> | <u>\$0</u> |
| Senior Resident | <u>10</u> | <u>\$0</u> |
| Senior Nonresident | <u>1</u> | <u>\$0</u> |
| Junior/Student Resident | <u>0</u> | <u>\$0</u> |
| Junior/Student Nonresident | <u>0</u> | <u>\$0</u> |
| Other | <u>0</u> | <u>\$0</u> |

License number determination is based upon: ☐ calculation using survey data
☐ survey data as a guide
☒ harvester input
☒ need/demand

The above numbers are:

- ☐ tentative, the actual numbers to be determined later
- ☒ firm, have been or will be submitted to DMR

Proposed Management Activities

Municipality: Kittery

The following management activities will be undertaken during the coming year: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☒ other: Water quality work in closed areas.

In order to implement these management activities the committee will utilize: (check all that apply)

- ☐ harvesters vested with conservation credit
- ☒ harvester volunteers
- ☐ paid harvesters
- ☐ municipal employees
- ☐ paid consultants
- ☒ other:

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- ☐ annually
- ☐ biannually
- ☐ quarterly
- ☐ bimonthly
- ☒ monthly

Meeting notification for other than regularly scheduled meetings is by:

- ☐ mailing
- ☒ phone call
- ☐ posting
- ☐ newspaper
- ☐ word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- ☐ request the area biologist to participate in all meetings
- ☐ request the area biologist to participate in only specific meetings
- ☐ invite the area biologist to attend all meetings
- ☒ invite the area biologist to attend only specific meetings

Proposed Activities by Flat

Municipality: Kittery

The following is a list of clam harvest areas in which management activities are planned for the coming year and the probable dates the activities would occur.

☐ No activities are planned. ☒ No specific activities are planned as yet.

[illegible]

Summary of Clam Flat Survey Data**Municipality:** Kittery

The following is a list of surveys conducted during the past year. Survey data should be attached if not previously provided to DMR. [X] No surveys were conducted.

| Clam Flat | Survey Date | Acreage | Density (bu/a) | Standing Crop (bu.) | %>2" by vol. |
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The flats surveyed represent approximately _% of the total productive flats.

Summary of Transplant Activities**Municipality:** Kittery

The following seeding / reseeding activities were conducted during the past year.

[X] No seeding / reseeding activities were conducted.

| | Event 1 | Event 2 | Event 3 | Event 4 |
|------------------|---------|---------|---------|---------|
| Date | | | | |
| Supervisor | | | | |
| Crew # | | | | |
| Amount | | | | |
| Mean Size (in.) | | | | |
| Size Range (in.) | | | | |
| Source | | | | |
| Source Flat | | | | |
| Receiv. Flat | | | | |
| Netted (y/n) | | | | |
| Closed until | | | | |

| | Event 5 | Event 6 | Event 7 | Event 8 |
|--------------|---------|---------|---------|---------|
| Date | | | | |
| Supervisor | | | | |
| Crew # | | | | |
| Amount | | | | |
| Mean Size | | | | |
| Size Range | | | | |
| Source | | | | |
| Source Flat | | | | |
| Receiv. Flat | | | | |
| Netted (y/n) | | | | |
| Closed until | | | | |

Summary of Conservation Closures

Municipality: Kittery

The following is a list of conservation closures implemented or in effect during the past year.
(This table is for areas normally open.) ☒ No conservation areas were closed.

| Conservation Area | Acreage | Closing Date | Opening Date | Days Closed* | Reason |
|-------------------|---------|--------------|--------------|--------------|--------|
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*during 2005

Summary of Conservation Openings

The following is a list of conservation openings implemented or in effect during the past year.
(This table is for areas normally closed.) ☐ No conservation areas were opened.

| Conservation Area | Acreage | Opening Date | Closing Date | Days Open* | Reason |
|--------------------------|----------|---------------|----------------|------------|-----------------|
| <i>Brave Boat Harbor</i> | <i>5</i> | <i>1-2-05</i> | <i>3-27-05</i> | <i>13</i> | <i>cropping</i> |
| | | | | | |
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*during 2005

Additional Activities**Municipality:** KitterySpatfall Enhancement

The following is a list of activities to promote clam settlement such as brushing, flat roughing, tenting or netting. ☒ No such activities were conducted.

| Location | Date | Description |
|----------|------|-------------|
| | | |
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Predator Protection

The following is a list of activities to protect clams from predators such as trapping, netting and hand collecting. ☒ No such activities were conducted.

| Location | Date | Description |
|----------|------|-------------|
| | | |
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Other Activities

The following is a list of other activities that benefit, directly or indirectly, the management program such as educational projects, participation in regional councils and shoreline cleanup. ☐ No such activities were conducted.

| Location | Date | Description |
|---------------------|-------------|--|
| <i>Spruce Creek</i> | <i>July</i> | <i>Several members assisted in a shoreline survey of the Spruce Creek.</i> |
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